

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S80 | 1105 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and ("455".clas. or "331".clas.) and (synthesi\$6).ti,ab. and switch\$4 with frequenc\$4 and (pll or phase \$lock\$5 or phase near2 lock\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:49 |
| S81 | 802 | S80 and (buffer\$4 or limit\$4 or harmon\$4 or cross near coupl\$4) and (divid\$4 or multipl\$6) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:51 |
| S82 | 486 | S81 and synthesi\$6.ti. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 19:15 |
| S95 | 186 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and harmon\$4 near4 filter \$4 and switch\$4 with (output or frequenc\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/07 16:38 |
| S101 | 510 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and harmon\$4 and switch\$4 and control\$6 near7 (divid\$4 or multipl\$7) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/07 17:36 |
| S102 | 404 | S101 not S95 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/07 16:39 |

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| S103 | 37 | ("4234929" "4963838" "4994762" "5048059" "5073900" "5095288" "5111162" "5129095" "5180993" "5187805" "5289506").PN. OR ("5610559").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 12:18 |
| S104 | 3 | ("4307348" "4322692" "4516085").PN. OR ("5237291").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 12:58 |
| S105 | 186 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and harmon\$4 near4 filter \$4 and switch\$4 with (output or frequenc\$4) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 13:13 |
| S106 | 510 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and harmon\$4 and switch \$4 and control\$6 near7 (divid\$4 or multipl\$7) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 13:13 |
| S107 | 404 | S106 not S105 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 17:48 |
| S108 | 360 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and (harmon\$4 or cross near1 coupl\$5) and (switch\$4 or select\$4) near6 frequenc\$4 and (control\$6 or program \$7 or var\$6) near4 (divid\$4 or multipl\$7) not S107 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 13:13 |
| S110 | 1091 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and switch\$4 with (divid\$4 or multipl\$7) with frequency not S107 not S108 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 16:30 |

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| S111 | 245 | S110 and switch\$4 with (synthesiser or synthesizer) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 16:31 |
| S112 | 19 | ("3710274" "3729688" "4510461" "4629999" "4862296" "5420545" "5471661" "5576666" "5675292" "5686864" "5729179").PN. OR ("6229399").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 13:46 |
| S113 | 134 | S110 and switch\$4 with (synthesiser or synthesizer) with output | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 13:57 |
| S115 | 12 | ("3332038" "3379992" "4659999").PN. OR ("5497128").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:06 |
| S116 | 8 | ("4791377" "5497128" "5508661" "6114987" "6133795" "6384770" "6603367").PN. OR ("6842077").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:12 |
| S117 | 28 | ("3223925" "3379992" "3444320" "3735269").PN. OR ("4659999").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:21 |
| S118 | 19 | ("4086544" "4659999").PN. OR ("5270669").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:28 |
| S119 | 6 | ("5270669" "5572167" "5610558").PN. OR ("6163223").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:31 |
| S120 | 23 | ("4859970" "5075639" "5231390" "5329251" "5414390").PN. OR ("5610558").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:39 |
| S121 | 19 | ("4086544" "4659999").PN. OR ("5270669").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 14:45 |

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| S122 | 8 | ("4194151" "4272730" "4528522" "4864634").PN. OR ("5053722").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 16:11 |
| S123 | 599 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and "331".clas. and switch\$4 with (divid\$4 or multipl\$7) with frequency with (variable or control\$7) not S107 not S108 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 16:51 |
| S124 | 542 | S123 and switch\$4 with (synthesiser or synthesizer or output) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 16:55 |
| S125 | 388 | S124 not S111 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 16:46 |
| S127 | 343 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and switch\$4 same (divid\$4 or multipl\$7) with frequency with (variable or control\$7) not S107 not S108 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 17:02 |
| S128 | 301 | S127 and switch\$4 with (synthesiser or synthesizer or output) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 17:03 |
| S129 | 211 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and switch\$4 same (divid\$4 or multipl\$7) near5 frequency near5 (variable or control\$7) not S107 not S108 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 17:48 |

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| S130 | 186 | S129 and switch\$4 with (synthesiser or synthesizer or output) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 17:03 |
| S131 | 2 | ("5410368").PN. OR ("6433630").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 17:44 |
| S132 | 263 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and switch\$4 same (divid\$4 or multipl\$7) near5 frequency near5 (variable or control\$7) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 18:23 |
| S133 | 39 | ("3993868" "4628286" "4659999").PN. OR ("5434888").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 18:11 |
| S134 | 73 | S132 not S130 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/08 18:11 |
| S137 | 424 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer or output) and (divider or multiplier or shifter) near5 frequency near5 (variable or control\$7 or chang\$5) not S132 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 12:43 |
| S138 | 147 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer or output) and (switch\$4 or select \$4) same (divider or multiplier or shifter) near5 frequency near5 (variable or control\$7 or chang\$5) not S132 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/08 18:58 |

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| S139 | 54 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer or output) and (switch\$4 or select \$4) same (divider or multiplier or shifter) near5 frequency near5 (variable or control\$7 or chang\$5 or programm\$5) not S132 not S138 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 15:05 |
| S140 | 263 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and switch\$4 same (divid\$4 or multipl\$7) near5 frequency near5 (variable or control\$7) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 12:44 |
| S141 | 424 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer or output) and (divider or multiplier or shifter) near5 frequency near5 (variable or control\$7 or chang\$5) not S140 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 12:44 |
| S142 | 80 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer) and (divider or multiplier or shifter) near5 frequency near9 (variable or control\$7 or chang\$5) not S140 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 12:45 |

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| | | not S141 | | | | |
| S143 | 102 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer) and (divider or multiplier or shifter) near5 frequency near9 (var\$7 or control\$7 or chang \$5) not S140 not S141 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 12:58 |
| S144 | 75 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (switch\$4 or select \$4) with (vco or oscillat \$4 or synthesiser or synthesizer) and (divider or multiplier or shifter) near9 frequency near9 (var\$7 or control\$7 or chang \$5) not S140 not S141 not S143 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 13:00 |
| S145 | 8 | ("20030085742" "20040145400" "6489852" "6653874" "6744787" "6968027" "6999480" "7088155").PN. OR ("7155191").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/09 13:04 |
| S146 | 2 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and 331/2,46-57;455/255-265.ccls. and (non\$integer or non\$1 near2 integer) with (cross near coupl \$4 or harmon\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 15:12 |

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| S147 | 6 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and ("331.clas" or "455".clas.) and (non \$integer or non\$1 near2 integer) with (cross near coupl\$4 or harmon\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 15:14 |
| S148 | 11 | (@ad @pt1d @frpd @read @rlad @ptad) < "20040409" and ("331.clas" or "455".clas.) and (non \$integer or non\$1 near2 integer) with (cross\$4 or harmon\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/09 15:14 |
| S149 | 2 | "6321074".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 15:07 |
| S150 | 2 | "6509770".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 17:55 |
| S151 | 2 | "20040101081".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 17:55 |
| S152 | 0 | 02/076009 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 17:56 |
| S153 | 3 | "02076009" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/09 17:56 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| L1 | 1696 | ((switch\$4 select\$4) near6 (lo oscillat\$4 pll (frequency) near3 (generator synthesi\$6)) same (modif\$7 multipl\$6 divid\$5)).clm. | USPAT; UPAD | OR | ON | 2010/02/26 20:37 |
| L2 | 801 | l1 and frequency near5 (generator synthesi\$7) | USPAT; UPAD | OR | ON | 2010/02/26 20:39 |

2/ 26/ 2010 9:05:46 PM

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